

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: November 10, 2003, 23:17:33 ; Search time 362 Seconds

(without alignments)
1276.597 Million cell updates/sec

Title: US-09-257-585-1

Perfect score: 1047

Sequence: 1 gatctgttaataatcatatcatat.....atgagagcgacgagatcc 1047

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 569978 segs, 220691566 residues

Total number of hits satisfying chosen parameters: 1139956

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents NA:*

1: /cgn2_6/ptodata/2/ina/5A.COMB.seq:*
2: /cgn2_6/ptodata/2/ina/5B.COMB.seq:*
3: /cgn2_6/ptodata/2/ina/6A.COMB.seq:*
4: /cgn2_6/ptodata/2/ina/6B.COMB.seq:*
5: /cgn2_6/ptodata/2/ina/PCITUS.COMB.seq:*
6: /cgn2_6/ptodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	39.8	3.8	873	4	US-09-134-001C-1207
2	38.4	3.7	286	4	US-09-220-132-86
3	37.8	3.6	3891	3	US-09-036-315-1
4	37.6	3.6	2058	2	US-08-749-391-1
5	37.6	3.6	2058	3	US-09-390-200-1
6	35.8	3.4	7218	1	US-08-232-463-14
7	35	3.3	5656	4	US-09-410-464-5
8	33.4	3.2	231	4	US-09-134-001C-2025
9	33.4	3.2	1479	4	US-09-134-001C-2010
10	32.8	3.1	2659	3	US-08-749-522-1
11	32.8	3.1	2753	3	US-08-749-522-2
12	32.8	3.1	8868	3	US-08-815-809-7
13	32.8	3.1	19877	2	US-08-816-155B-8
14	32.8	3.1	19877	3	US-09-079-587-8
15	32.8	3.1	1664976	4	US-08-916-421B-1
16	32.6	3.1	432	4	US-09-328-352-1190
17	32.6	3.1	3001	4	US-09-539-33D-221
18	32.6	3.1	1664976	4	US-08-916-421B-1
19	32.2	3.1	1230025	4	US-09-198-452A-1
20	32	3.1	446	3	US-09-097-541-1
21	32	3.1	446	4	US-09-333-214-1
22	32	3.1	500	4	US-09-495-050A-279
23	32	3.1	731	1	US-08-451-405A-2
24	32	3.1	4382	1	US-09-620-312D-281
25	32	3.1	5140	4	US-09-333-214-2
26	32	3.1	203001	4	US-09-734-674-3
27	31.8	3.0	290	3	US-08-617-860B-13

C	28	31.8	3.0	477	4	US-09-107-532A-3599	Sequence 3599, Ap
C	29	31.8	3.0	4526	4	US-09-424-283-7	Sequence 7, Appli
C	30	31.4	3.0	858	1	US-08-126-593A-1	Sequence 1, Appli
C	31	31.4	3.0	858	1	US-08-454-039A-1	Sequence 1, Appli
C	32	31.4	3.0	40000	4	US-09-780-049-18	Sequence 18, Appli
C	33	31.2	3.0	1422	1	US-08-319-704-5	Sequence 5, Appli
C	34	31.2	3.0	2502	1	US-08-062-412B-2	Sequence 2, Appli
C	35	31.2	3.0	3480	4	US-09-331-359-1	Sequence 1, Appli
C	36	31.2	3.0	4185	4	US-09-417-485D-7	Sequence 7, Appli
C	37	31.2	3.0	5852	1	US-07-867-106-2	Sequence 2, Appli
C	38	31.2	3.0	10640	4	US-09-417-485D-5	Sequence 5, Appli
C	39	31.2	3.0	38844	4	US-09-734-675-3	Sequence 3, Appli
C	40	31.2	3.0	118592	4	US-09-818-512-3	Sequence 3, Appli
C	41	31	3.0	537	4	US-09-107-532A-3121	Sequence 3121, Ap
C	42	31	3.0	672	31	US-09-328-352-1948	Sequence 1948, Ap
C	43	31	3.0	825	4	US-09-107-532A-1051	Sequence 1051, Ap
C	44	31	3.0	1020	4	US-09-463-962-1	Sequence 1, Appli
C	45	31	3.0	1717	4	US-09-634-238-6	Sequence 6, Appli

ALIGNMENTS

RESULT 1
US-09-134-001C-1207
; Sequence 1207, Application US/09134001C
; Patent No. 6380370
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
; FILE REFERENCE: GTC-007
; CURRENT FILING DATE: 1998-08-13
; PRIOR FILING DATE: 1997-11-08
; PRIOR APPLICATION NUMBER: US 60/064,964
; PRIOR FILING DATE: 1997-08-14
; NUMBER OF SEQ ID NOS: 5674
; SEQ ID NO 1207
; LENGTH: 873
; TYPE: DNA
; ORGANISM: Staphylococcus epidermidis
US-09-134-001C-1207

Query Match 3.8%; Score 39.8; DB 4; Length 873;
Best Local Similarity 49.8%; Pred. No. 0.042;
Matches 101; Conservative 0; Mismatches 102; Indels 0; Gaps 0;

QY	1	GATCTGTAATTCATATATTTTGGCGCATTTGCTAACCGCTATTCTTTTAAA	60
DB	370	GATCAACGATTATGACATGCTTCCTTTGAAAAATATCATATTCACAGACA	429
QY	61	ATTTAACGATTAGAACGCAATTCATTTGCGCTTACACAAATTAACATTCGTC	120
DB	430	GCTTTCTTATTAAGAACCAATGCTTCAACAATTTGATATTAATTAATTTACTT	489
QY	121	AAAGAGGATTTAAGCAAGTTTGCAATTTTAAATTCATTTTAAAAAATACATCT	180
DB	490	AAAAAGCATATGATGAAATGTAAGAAACAGGCTTAAGGACTTGAATCATCTCAT	549
QY	181	GCTTTAACCAACCTTTGCCAAG	203
DB	550	GATTTAACCGCTCTTAAGAAAG	572

RESULT 2
US-09-220-132-86
; Sequence 86, Application US/09220132
; Patent No. 6506607
; GENERAL INFORMATION:
; APPLICANT: Shyjan, Andrew W
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE IDENTIFICATION AND ASSESSMENT

TITLE OF INVENTION: OF PROSTATE CANCER THERAPIES AND THE DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 07334-074001
CURRENT APPLICATION NUMBER: US/09/220.132
CURRENT FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: US 60/079,303
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: US 60/066,821
PRIOR FILING DATE: 1997-12-24
NUMBER OF SEQ ID NOS: 191
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 86
LENGTH: 286
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc.feature
LOCATION: (1)...(286)
OTHER INFORMATION: n = A,T,C or G
US-09-220-132-86

Query Match 3.7%; Score 38.4; DB 4; Length 286;
Best Local Similarity 53.8%; Pred. No. 0.07;
Matches 78; Conservative 0; Mismatches 67; Indels 0; Gaps 0;

QY 48 TATCTTTTAAATTTTAAAGATTAGACGCAATTGCGTTTACCAAT 107
DB 26 TAGTTTACTCACTTTTACACTCACTCAAAACACTTTAAATTTTAAAGCTTAAACTAT 85
QY 108 AACATTCGTCGCAAAAGAGTATTTAAGCAAGATTGGCAATTTTAAATCCATTTTAA 167
DB 86 NACAAATTATCCATTATTTTAAATTAATTTGTTGTGTTGTTGTTGTTGTTGTTGTTGTTA 145
QY 168 AAAAAATACATCTGCTTTAACCCAC 192
DB 146 AAAAAAAATCGGCTCGTCCAC 170

RESULT 3
US-09-036-315-1/c
Sequence 1, Application US/09036315
Patent No. 6218523
GENERAL INFORMATION:
APPLICANT: French, Cynthia K.
APPLICANT: Schneider, Patrick A.
APPLICANT: Yamamoto, Karen K.
TITLE OF INVENTION: Prostate Cancer-Specific Marker
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/036,315
FILING DATE: 06-MAR-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/047,811
FILING DATE: 15-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/041,246
FILING DATE: 07-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 018002-000210US

TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 3891 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 151..1425
OTHER INFORMATION: /product= "Repro-PC-1.0"
US-09-036-315-1

Query Match 3.6%; Score 37.8; DB 3; Length 3891;
Best Local Similarity 53.8%; Pred. No. 0.29;
Matches 78; Conservative 0; Mismatches 67; Indels 0; Gaps 0;

QY 48 TATCTTTTAAATTTTAAAGATTAGACGCAATTGCGTTTACCAAT 107
DB 3474 TAGTTTACTCACTTTTACACTCACTCAAAACACTTTTAAATTTTAAAGCTTAAACTAT 3415
QY 108 AACATTCGTCGCAAAAGAGTATTTAAGCAAGATTGGCAATTTTAAATCCATTTTAA 167
DB 3414 TACAAATTATCCATTATTTTAAATTAATTTGTTGTGTTGTTGTTGTTGTTGTTGTTA 3355
QY 168 AAAAAATACATCTGCTTTAACCCAC 192
DB 3354 AAAAAAAATCGGCTCGTCCAC 3330

RESULT 4
US-08-749-391-1/c
Sequence 1, Application US/08749391
Patent No. 594867
GENERAL INFORMATION:
APPLICANT: Cheng, Kuo-Joan
APPLICANT: Selinger, Leonard B.
APPLICANT: Liu, Jin-Hao
APPLICANT: Hu, Youji
APPLICANT: Forsberg, Cecil W.
APPLICANT: Moloney, Maurice M.
TITLE OF INVENTION: A Xylanase Obtained From an
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSER: Greenlee, Winner and Sullivan, P.C.
STREET: 5370 Manhattan Circle, Suite 201
CITY: Boulder
STATE: Colorado
COUNTRY: USA
ZIP: 80803
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/749,391
FILING DATE: 13-NOV-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Donna M. Farber
REGISTRATION NUMBER: 33,878
REFERENCE/DOCKET NUMBER: 93-96
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 499-8080
TELEFAX: (303) 499-8089
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2058 base pairs

TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Neocallimastix patriciarum
STRAIN: 27
IMMEDIATE SOURCE:
LIBRARY: genomic DNA library
CLONE: pNspX-06
FEATURE:
NAME/KEY: CDS
LOCATION: 301..1755
US-08-749-391-1

Query Match 3.6%; Score 37.6; DB 2; Length 2058;
Best Local Similarity 56.5%; Pred. No. 0.26;
Matches 70; Conservative 0; Mismatches 54; Indels 0; Gaps 0;

QY 2 ATCTGTAATTAACATATTAATTTTGGCGCATTTTGGCTAACCGCCTATCTTTTAAAA 61
DB 2031 AATATTTTATTTTATATATTTTATTAATTTTATTAATAAGTATCTTTTAAAA 1972
QY 62 TTTTACGATTAAGAACGCAATTCATTTGGCTCTACACAATTAACAATTCGCCAA 121
DB 1971 TATTAAATTAATTAATTAATTTGTTTAAATTTACATTTACGATTAATTAATTAATAAAA 1912
QY 122 AAGA 125
DB 1911 AAAA 1908

RESULT 5
US-09-390-200-1/c

; Sequence 1, Application US/09390200
; Patent No. 6137032
; GENERAL INFORMATION:
; APPLICANT: Cheng, Kuo-Joan
; APPLICANT: Selinger, Leonard B.
; APPLICANT: Liu, Jin-Hao
; APPLICANT: Hu, Youji
; APPLICANT: Forsberg, Cecil W.
; APPLICANT: Moloney, Maurice M.
; TITLE OF INVENTION: A Xylanase Obtained From an
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESS: Greenlee, Winner and Sullivan, P.C.
; STREET: 5370 Manhattan Circle, Suite 201
; CITY: Boulder
; STATE: Colorado
; COUNTRY: USA
; ZIP: 80803
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/390,200
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/749,391
; FILING DATE: 13-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Donna M. Ferber
; REGISTRATION NUMBER: 33,878
; REFERENCE/DOCKET NUMBER: 93-96
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 499-8080

TELEFAX: (303) 499-8089
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2058 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Neocallimastix patriciarum
; STRAIN: 27
; IMMEDIATE SOURCE:
; LIBRARY: genomic DNA library
; CLONE: pNspX-06
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 301..1755
US-09-390-200-1

Query Match 3.6%; Score 37.6; DB 3; Length 2058;
Best Local Similarity 56.5%; Pred. No. 0.26;
Matches 70; Conservative 0; Mismatches 54; Indels 0; Gaps 0;

QY 2 ATCTGTAATTAACATATTAATTTTGGCGCATTTTGGCTAACCGCCTATCTTTTAAAA 61
DB 2031 AATATTTTATTTTATATATTTTATTAATTTTATTAATAAGTATCTTTTAAAA 1972
QY 62 TTTTACGATTAAGAACGCAATTCATTTGGCTCTACACAATTAACAATTCGCCAA 121
DB 1971 TATTAAATTAATTAATTAATTTGTTTAAATTTACATTTACGATTAATTAATTAATAAAA 1912
QY 122 AAGA 125
DB 1911 AAAA 1908

RESULT 6
US-08-232-463-14

; Sequence 14, Application US/08232463
; Patent No. 5670367
; GENERAL INFORMATION:
; APPLICANT: DORNER, F.
; APPLICANT: SCHEIFLINGER, F.
; APPLICANT: FALKNER, F. G.
; TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESS: Foley & Lardner
; STREET: 1800 Diagonal Road, Suite 500
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-0299
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,463
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/935,313
; FILING DATE:
; APPLICATION NUMBER: EP 91 114 300.6
; FILING DATE: 26-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 30472/114 IMMU

D5
4175 TTTCTTGAACACACAGTTGTTTGTAAATATTTTGAAAAAATATTTTAAAAAAATT 4116

Best Local Similarity 51.7%; Pred. No. 3.9;

Matches 76; Conservative 0; Mismatches 71; Indels 0; Gaps 0;

Qy 34 TTTTGGTAACGGCCATCTTTTAAATTTTACGATTAGACGCAATTCATTTTGC 93
Db 715 TTTTCTAACCCAAATGTTCTTTGTCATTTTAATAGTTAATCATCATTCGACATTTT 774

Qy 94 GTTCTACACAAATTAACATTCGTCACAAAGAGTATTTAAGGAGATTGGCATTTT 153
Db 775 GTTAACGCAATTAATCAATTTTCAATCCATTTTAATTTGAATAATTTAATAACAA 834

Qy 154 TTAATCCATTTTAAAAAATACATCT 180
Db 835 AATTTTGTTTTCTCAATTAATCTTCT 861

RESULT 10
US-08-749-522-1/c
; Sequence 1, Application US/08749522
; Patent No. 6096950
; GENERAL INFORMATION:
; APPLICANT: John, Maliyakal
; TITLE OF INVENTION: FIBER-SPECIFIC PROMOTERS
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESSES:
; ADDRESSER: Quarles & Brady
; STREET: 411 East Wisconsin Avenue
; CITY: Milwaukee
; STATE: WI
; COUNTRY: U.S.A.
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/749,522
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Baker, Jean C.
; REGISTRATION NUMBER: 35,433
; REFERENCE/DOCKET NUMBER: 670513.90244
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 277-5709
; TELEFAX: (414) 271-3552
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2659 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-749-522-1

Query Match 3.1%; Score 32.8; DB 3; Length 2659;
Best Local Similarity 53.0%; Pred. No. 7.3;

Matches 70; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

Qy 49 ATTCTTTTAAATTTTAAAGATTAGACGCAATTCATTTTGGCTTCTACACAAATTA 108
Db 1326 ATACAAATTAATAATGTTAATATTTTAAATTAATAGATTAGTGAATAATTA 1267

Qy 109 ACAATTCGTCACAAAGAGTATTTAAGCAGAAATTTGGCATTTTAAATCCATTTTAA 168
Db 1266 GTAATTTATGAAATTAATTTTAAATAATAATAATTAATTAATCTCTAATCTTAT 1207

Qy 169 AAAAATACATCT 180
Db 1206 AAAAAAATTAAT 1195

RESULT 11

US-08-749-522-2/c
; Sequence 2, Application US/08749522
; Patent No. 6096950
; GENERAL INFORMATION:
; APPLICANT: John, Maliyakal
; TITLE OF INVENTION: FIBER-SPECIFIC PROMOTERS
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESSES:
; ADDRESSER: Quarles & Brady
; STREET: 411 East Wisconsin Avenue
; CITY: Milwaukee
; STATE: WI
; COUNTRY: U.S.A.
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/749,522
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Baker, Jean C.
; REGISTRATION NUMBER: 35,433
; REFERENCE/DOCKET NUMBER: 670513.90244
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 277-5709
; TELEFAX: (414) 271-3552
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2755 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-749-522-2

Query Match 3.1%; Score 32.8; DB 3; Length 2755;
Best Local Similarity 53.0%; Pred. No. 7.4;

Matches 70; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

Qy 49 ATTCTTTTAAATTTTAAAGATTAGACGCAATTCATTTTGGCTTCTACACAAATTA 108
Db 1423 ATACAAATTAATAATGTTAATATTTTAAATTAATAGATTAGTGAATAATTA 1364

Qy 109 ACAATTCGTCACAAAGAGTATTTAAGCAGAAATTTGGCATTTTAAATCCATTTTAA 168
Db 1363 GTAATTTATGAAATTAATTTTAAATAATAATAATTAATTAATCTCTAATCTTAT 1304

Qy 169 AAAAATACATCT 180
Db 1303 AAAAAAATTAAT 1292

RESULT 12

US-08-815-809-7
; Sequence 7, Application US/08815809

; Patent No. 6004777

; GENERAL INFORMATION:
; APPLICANT: TARTAGLIA, James
; APPLICANT: GOEBEL, Scott J.
; APPLICANT: COX, William I.
; APPLICANT: GETTIG, Russell R.
; APPLICANT: PINCUS, Steven E.
; APPLICANT: PROLETTI, Enzo
; APPLICANT: JACOBS, Bertiam I.
; TITLE OF INVENTION: VECTORS HAVING ENHANCED EXPRESSION, AND METHODS OF
; FILE REFERENCE: 454310-3010
; CURRENT APPLICATION NUMBER: US/08/815,809
; CURRENT FILING DATE: 1997-03-12

NUMBER OF SEQ ID NOS: 23
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 7
LENGTH: 8868
TYPE: DNA
ORGANISM: Vaccinia virus
US-08-815-809-7

Query Match 3.1%; Score 32.8; DB 3; Length 8868;
Best Local Similarity 56.5%; Pred. No. 12;
Matches 61; Conservative 0; Mismatches 47; Indels 0; Gaps 0;

Qy 15 ATATATTTATTTGGCGCATTTTGGCTAACCCTATTCTTTTAAATTTTACGATTAA 74
Db 2134 ATATATTTATTTTGAAGATGATGTAAGTATGATCGTTTGAATGATGATGATTA 2193
Qy 75 GAAGCAATTCATTTTGGCTTCTACACAATTAATTAACATTCGCCAA 122
Db 2194 GAAGCAATTCATTCAGAAAGTGCATTAATATATCTACGTTCTATA 2241

RESULT 13

US-08-816-155B-8
Sequence 8, Application US/08816155B
Patent No. 5990091

GENERAL INFORMATION:
APPLICANT: TARTAGLIA, JAMES
APPLICANT: COX, WILLIAM I.
APPLICANT: GETTIG, RUSSELL R.
APPLICANT: MARTINEZ, HECTOR
APPLICANT: PAOLETTI, ENZO
APPLICANT: PINCUS, STEVEN E.
TITLE OF INVENTION: VECTORS HAVING ENHANCED EXPRESSION, AND
METHODS OF MAKING AND USES THEREOF
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESSES:
ADDRESS: FROMMER LAWRENCE & HAUG LLP
STREET: 745 FIFTH AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10151

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/816,155B
FILING DATE: 12-MAR-1997

CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: KOMALSKI, THOMAS J.
REGISTRATION NUMBER: 32,147
REFERENCE/DOCKET NUMBER: 454310-2990
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-588-0800
TELEFAX: 212-588-0500

INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 19877 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-816-155B-8

Query Match 3.1%; Score 32.8; DB 2; Length 19877;
Best Local Similarity 56.5%; Pred. No. 16;
Matches 61; Conservative 0; Mismatches 47; Indels 0; Gaps 0;

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Db 2148 ATATATTTATTTTGAAGATGATGTAAGTATGATCGTTTGAATGATGATTA 2207
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Db 2208 GAAGCAATTCATTCAGAAAGTGCATTAATATATCTACGTTCTATA 2255

RESULT 14
US-09-079-587-8
Sequence 8, Application US/09079587
Patent No. 6130066

GENERAL INFORMATION:
APPLICANT: TARTAGLIA, JAMES
APPLICANT: COX, WILLIAM I.
APPLICANT: GETTIG, RUSSELL R.
APPLICANT: MARTINEZ, HECTOR
APPLICANT: PAOLETTI, ENZO
APPLICANT: PINCUS, STEVEN E.
TITLE OF INVENTION: VECTORS HAVING ENHANCED EXPRESSION, AND
METHODS OF MAKING AND USES THEREOF
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESSES:
ADDRESS: FROMMER LAWRENCE & HAUG LLP
STREET: 745 FIFTH AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10151

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/079,587
FILING DATE: 12-MAR-1997

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/816,155
FILING DATE: 12-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: KOMALSKI, THOMAS J.
REGISTRATION NUMBER: 32,147
REFERENCE/DOCKET NUMBER: 454310-2990
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-588-0800
TELEFAX: 212-588-0500

INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 19877 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-079-587-8

Query Match 3.1%; Score 32.8; DB 3; Length 19877;
Best Local Similarity 56.5%; Pred. No. 16;
Matches 61; Conservative 0; Mismatches 47; Indels 0; Gaps 0;

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RESULT 15
US-08-916-421B-1/C
Sequence 1, Application US/08916421B
Patent No. 6503729

GENERAL INFORMATION:
APPLICANT: Built et al.
TITLE OF INVENTION: Complete Genome Sequence of the Methanogenic Archaeon, Methanococcus
Patent No. 6503729
FILE REFERENCE: PB275
CURRENT APPLICATION NUMBER: US/08/916,421B
CURRENT FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: US 60/024,428
PRIOR FILING DATE: 1996-08-22
NUMBER OF SEQ ID NOS: 3
SOFTWARE: PatentIn version 3.1
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LENGTH: 1664976
TYPE: DNA
ORGANISM: Methanococcus jannaschii
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NAME/KEY: misc feature
LOCATION: (1664854)..(1664854)
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US-08-916-421B-1
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Query Match 3.1%; Score 32.8; DB 4; Length 1664976;

Best Local Similarity 58.0%; Pred. No. 74;

Matches 58; Conservative 0; Mismatches 42; Indels 0; Gaps 0;

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Db 506947 AAGGCTATTGGAAGATTGCATTAATTAATCAACAAAAAACCAAGATTGTATTGAA 506888
QY 136 CGAAGATTGGCATTTTTCATTCATTTTAAAAATA 175
Db 506887 AGAGCAATTGGCTTTTATTATACCATTAATTAATGA 506848
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Search completed: November 10, 2003, 23:28:54
Job time : 372 secs